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**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

2272USWO

U.S. APPLICATION NO. (if known, see 37 C.F.R.  
1.5)

UNKNOWN

10/554298

INTERNATIONAL APPLICATION NO. PCT/EP2004/005337	INTERNATIONAL FILING DATE 5/18/2004	PRIORITY DATE CLAIMED 5/21/2003
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**TITLE OF INVENTION**

METHOD FOR CONTROLLING A PUMP MEANS

**APPLICATION(S) FOR DO/EO/US**

RUTZ ET AL.

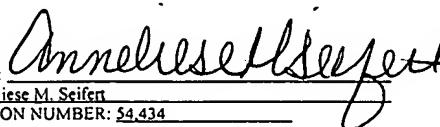
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3.  This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(d).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An (unsigned) oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10.  An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Item 11 to 20 below concern document(s) or information included:**

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A preliminary amendment.
14.  An Application Data Sheet under 37CFR 1.76.
15.  A substitute specification.
16.  A power of attorney and/or change of address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
18.  A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19.  A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20.  Other items or information: Abstract, Form 1449, 3 references, Form PCT/ISA/210, Form PCT/ISA/237

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U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) UNKNOWN	INTERNATIONAL APPLICATION NO. PCT/EP2004/005337	ATTORNEY'S DOCKET NUMBER 2272USWO		
21. The following fees are submitted: <input checked="" type="checkbox"/> Basic national fee .....		<b>CALCULATIONS PTO USE ONLY</b>		
		\$		
22. <input checked="" type="checkbox"/> Examination fee If international preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) \$100 All other situations .....		\$		
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....		\$100		
International Search Report prepared and provided to the Office .....		\$400		
All other situations .....		\$500		
<b>TOTAL OF 21, 22 AND 23 =</b>				
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheet (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.		\$1,000.00		
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	
15 - 100 =	/50 =	0	x \$250.00	\$0
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$
Total claims	7 - 20 =	0	x \$50.00	\$0
Independent claims	1 - 3 =	0	x \$200.00	\$0
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$
<b>TOTAL OF ABOVE CALCULATIONS =</b>			\$	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.			\$	
<b>SUBTOTAL =</b>			\$	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).			+	\$
<b>TOTAL NATIONAL FEE =</b>			\$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property			+	\$
<b>TOTAL FEES ENCLOSED =</b>			\$1,000.00	
			Amount to be refunded:	\$
			Amount to be Charged:	\$
<p>a. <input checked="" type="checkbox"/> A check in the amount of <u>\$1,000.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>501257</u> in the amount of <u>\$</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 501257. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>				
<b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b>				
SEND ALL CORRESPONDENCE TO: Anneliese M. Seifert ECOLAB INC. Mail Stop ESC-F7, 655 Lone Oak Drive Eagan, Minnesota 55121 Phone Number: (651) 795-5661 Fax Number: (651) 204-7507			SIGNATURE:  NAME: Anneliese M. Seifert REGISTRATION NUMBER: 54,434	

10/554298

JCC4 Rec'd PCT/PTO 25 OCT 2005

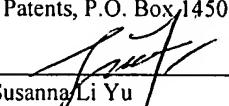
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: RUTZ ET AL. Examiner: UNKNOWN  
 Serial No.: UNKNOWN Group Art Unit: UNKNOWN  
 Filed: 10/25/2005 Docket No.: 2272USWO  
 Conf No. UNKNOWN  
 Title: METHOD FOR CONTROLLING A PUMP MEANS

CERTIFICATE UNDER 37 CFR 1.10:

'Express Mail' mailing label number: EV716246725US  
 Date of Deposit: 10/25/05

I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to Mail Stop PCT, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By:   
 Name: Susanna Li Yu

Mail Stop PCT  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

- Transmittal Sheet, in duplicate, containing Certificate under 37 CFR 1.10.
- National Stage PCT Patent Application: Spec. 15 pgs; 7 claims; 3 drawing sheets  
 The fee has been calculated as shown below in the 'Claims as Filed' table.
- A check in the amount of \$1,000.00 being the filing fee
- An unsigned Combined Declaration and Power of Attorney
- Information Disclosure Statement, Form 1449, 3 references
- Application Data Sheet, 2 pages
- Other: International Publication Page; Copy of PCT/EP2004/005337; PCT/ISA/210; Preliminary Amendment; Abstract; Form PCT/ISA/237; Form PTO-1390
- Return postcard

**CLAIMED AS FILED**

Number of Claims Filed	In Excess of:	Number Extra	Rate	Fee
<b>Basic Filing Fee</b>				\$300
<b>Search Fee</b>				\$200
<b>Examination Fee</b>				\$500
<b>Total Claims</b>				
7	- 20	= 0	x 50.00 =	\$0
<b>Independent Claims</b>				
1	- 3	= 0	x 200.00 =	\$0
<b>MULTIPLE DEPENDENT CLAIM FEE</b>				
<b>TOTAL FILING FEE</b>				\$1,000

**10/554298**

**JC20 Rec'd PCT/PD 25 OCT 2005**

Please charge any additional fees or credit overpayment to Deposit Account No. 501257. A duplicate of this sheet is enclosed.

ECOLAB INC.  
Law Department  
Mail Stop ESC-F7  
655 Lone Oak Drive  
Eagan, Minnesota 55121  
Phone Number: (651) 795-5661  
Fax Number: (651) 204-7507

Date: October 25, 2005

By: Anneliese M. Seifert  
Name: Anneliese M. Seifert  
Reg. No. 54,434